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Jean Raymond, Chair Public Works Committee

To: The Honorable Board of Supervisors

From: Alan Grattidge, Chairman

Date: December 2013

Subject: 2013 End of Year Report

This report offers an overview of the accomplishments of this Committee and the Public Works Department over the past 12 months. The Public Works Committee and Department take pride in the following projects that have been completed this year:

### Highway Projects:

Reconstructed 17.70 miles of county-owned highway. Reconstruction work included but
was not limited to such tasks as reconstructing the drainage system, roadside ditches,
road-base, asphalt pavement and resurfacing. Supplementary tasks include upgrading
traffic signage and guiderail, as well as installing new shoulder fill and new roadway
striping. County roads that received a significant amount of maintenance in part or entire
include; County Roads 7, 10, 13, 19, 25, 40, 68, 80, 91, 92, and 94.

#### Highway Bridge Projects:

- Completed the rehabilitation of Bridge, BIN 3304710, and carrying Outlet Road over the Ballston Creek in the Town of Ballston.
- Completed the replacement of Bridge, BIN # 3304280, carrying County Road 14 (Fish House Road) over the Kenyetto Creek in the Town of Providence.
- Completed the rehabilitation of Bridge BIN 3306380, carrying County Road 42 (Clarks Mill Road) over the Hudson River in the Town of Northumberland.

#### Highway Culvert Projects:

- Completed the repairs to Culvert, LIN 363.00, carrying County Road 14 (Crooked Street) over a tributary of Galway Lake in the Town of Galway.
- Completed the repairs to Culvert, LIN 389.90, carrying County Road 4 (North Shore Road) over a tributary of Sacandaga Lake in the Town of Day.

• Progress has been made on repairs to a concrete retaining wall showing signs of age along County Road 7 (South Shore Road) in the Town of Day.

# **Engineering Projects:**

- Our engineering staff continues to examine and study traffic issues as requested by towns or county residents. These requests may be as simple as for the installation of a traffic sign or be as complex as a request for a traffic signal.
- Comprehensive inspection of thirty five (35) county owned culverts were completed by our engineering staff.
- Our engineering staff also plays a key role in providing guidance and assistance to the maintenance and construction crews.
- In addition, engineering consultants progressed the engineering for the following federally funded bridge projects:
  - BIN 2202960 carrying U.S. 4 (Central Avenue) over the Anthony Kill in the City of Mechanicville. This bridge is scheduled for replacement in 2014.
  - BIN 3304460 carrying County Road 45 (North Line Road) over the Kayaderosseras Creek in the Town of Malta. This bridge is scheduled for rehabilitation in 2015.
  - BIN 3304440 carrying Stafford Bridge Road over Fish Creek in the Town of Saratoga. The bridge is scheduled for rehabilitation in 2015.
  - BIN 3304470 carrying Mott Road over the Snook Kill in the Town of Moreau. This bridge is scheduled for rehabilitation in 2015.

#### Maintenance Projects:

- Our Public Works Department continues to complete various maintenance projects as necessary along our entire highway system. Maintenance projects are typically scheduled and completed based upon priority and need basis. Some of the projects are as follows;
  - At the County Farm site, the Sheriff's department parking lot was enlarged for additional employee parking.
  - Building 5 (Solar Building) loading dock area was reconstructed where it transitions into the village road. The old asphalt was removed, a new base was established and new asphalt was brought in and graded to create a smoother entrance way for use of the loading dock traffic.
  - DPW work forces were instrumental in the cleanup of the Saratoga County Sewer Department transformer station located at the main sewer plant. A new base for the area surrounding the transformer was established and gravel was then added for the surface.
  - Rehabbed and repaired deteriorated concrete and asphalt located in the area of loading dock located at the Public Works garage. The concrete retaining walls were cleaned and loose debris removed. The walls were then formed and poured. The deteriorated

asphalt was removed; the base was graded for positive drainage. A new asphalt wearing course was then put in place.

- Curbing located in the Supervisors Parking Area was rebuilt where concrete had outlasted its useful life. Our DPW work force replaced approx. 100 lineal feet of concrete curbing.
- Public Works crews worked along County Road 68 to improve drainage. Approximately 1,600 lineal feet of ditching was re-graded along with the up-sizing of drainage pipe.
- DPW crews rebuilt a section of the County Road 75 drainage ditch. Due to the steepness
  of grade in the area, light stone fill was used to control the velocity of runoff.
- As part of the ongoing maintenance of the Saratoga County Roadway system; crack sealing is performed as a proactive approach to preserving the integrity of the road thereby extending its useful life. The following county roads were crack sealed; portions of County Roads 4, 14, 25, 43, 45, 51, and 71.
- The entire 360-mile county highway system had been restriped, consisting of centerline and edge lines. Additionally, we striped nearly 342 miles of centerline and 440 miles of edge line for several municipalities within the County.
- Guiderail was upgraded / repaired and installed at several locations within the county highway system.
- Thirty-two (32) culverts at various locations have been cleared of overgrown vegetation in preparation for 2014 inspections.
- Vegetation and trees were cleared along select areas within the county highway system.
- During the 2013 season, over. 2,300 bags of roadside trash was collected along the 360 mile highway system.

#### Adopt-A-Roadside:

• The Saratoga County Adopt-A-Roadside Program continues to play an important role in keeping our roads clean. In 2013, fifty-two (52) community groups remain listed as active. Our inventory of adopted county highways is almost eighty (80) miles. Our county D.P.W. provides orange garbage bags and safety vests to all participants. In addition, the county D.P.W. coordinates the pick-up, recycling, and disposal of all material collected in these efforts throughout the year.

### Recycling

- Saratoga County Recycling is now completing its 24<sup>th</sup> year of operation. Through November 30<sup>th</sup> 2013, over 200,925 ton of material has been successfully recycled since the program inception in early 1988. Thousands of county residents participate either curbside or by visiting a center on a weekly basis. Through November 2013, 3,087 tons of material have been collected by Saratoga County compared to 3,262 through November 2012. This represents a 5% drop in tonnage.
- Due to negative recycling market conditions for the duration of 2013, revenues are down. The
  county has anticipated \$402,967 through 11/30/13. Last year at this same time \$461,396 was
  realized. This year's revenue will reimburse over 50% of our entire recycling budget
  expenditures. Recycling continues to be an important part of our community and our

Department of Public Works continues to provide a valuable service to our Saratoga County residents.

### Landfill/Solid Waste Division:

• The Landfill Privatization subcommittee completed negotiations with three respondents to the RFP. The Board of Supervisors ultimately chose Finch Paper as the successful purchaser of the landfill and signed the sale agreement in September, 2013.

### **Machinery:**

• Continual maintenance of approximately 280 vehicles assigned to Public Works, Sheriff, Sewer Dept. and ten (10) other county departments. Continual maintenance is also provided to approximately 120 pieces of large construction equipment for Public Works assignments.

Special thanks is offered to the Public Works Department Staff for completing the many tasks and to the Committee members and Board for providing direction, support and the financial resources necessary to ensure that our county highway infrastructure and operations meet the needs of Saratoga County residents for the future. We look forward to another successful year in 2014.

## **2013 Public Works Committee:**

Jean Raymond – Chair John Collyer Preston Jenkins Art Johnson Dan Lewza Bill Peck Mo Wright